

LiFePO4 Battery Rack Mounted

GLR-100 5.12Kwh



Features

Safety & Reliable



Very Safe and High Quality with LiFePO4 technology & Smart BMS

Compact Size & Easy Installation



Elegant Design
Floor-mounted for quick installation

High compatibility BMS



Seamless communication with most brands inverters

≥6000Cycles,LongLiFe



Long cycle life with tier 1 brand A grade cells and superior performance

Expand capacity flexibly



Parallel to expand capacity easily up to 76.8kwh

Wide Applications

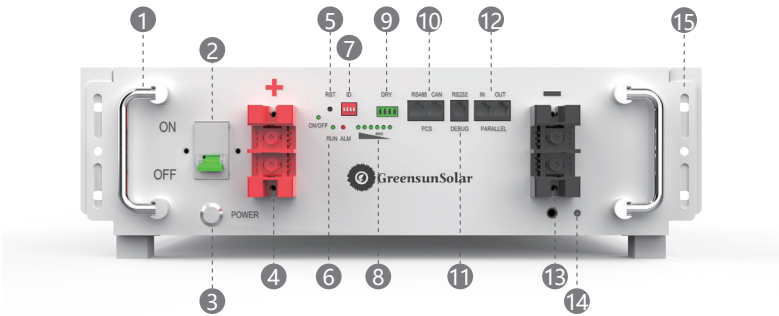
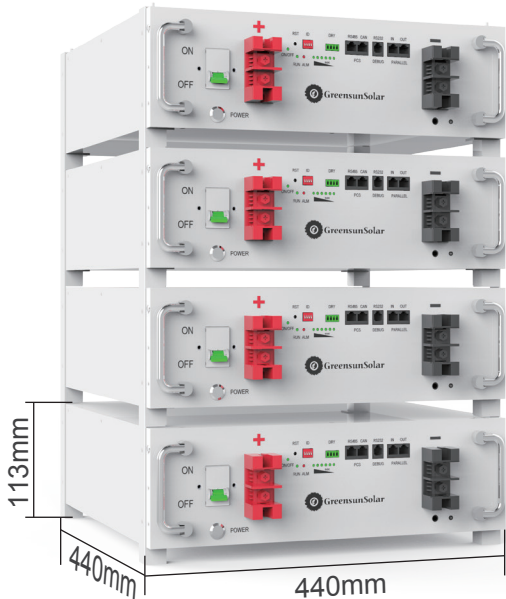


Self-Use, Peak Shaving, UPS, Backup, ESS, HESS, BESS, Bank, Hospital, School, Base Station

Technical Data

Model		GLR-100
Main Parameter	Battery Chemistry	LiFePO4
	Built-In Circuit Breaker	125A 1P
	Nominal Capacity	100Ah
	Nominal Voltage	51.2V
	Operating Voltage	44.8~57.6V
	Nominal Energy	5.12Kwh
	Scalability	Max. 15 pcs pack (Max. 76.80kWh) in parallel
Other Paramete	Charge/Discharge Current	Max. Continuous Peak
		100A
		150A(100ms)
	Recommend Depth of Discharge	90% DoD
	Dimension	440*440*133mm
	Battery Pack N.W.	43kg
	Master LED Indicator	6LED (SOC : 17% ~ 100%) , 3LED (ON/OFF, RUN, Alarm)
	Bluetooth	Include
	Communication Port	CAN/RS232/RS485
	IP Rating of Enclosure	IP20
	Operating Temperature	Charge : 0°C~55°C, Discharge : -20°C ~ 60°C
	Storage Temperature	-10 ~ 40°C
	Relative Humidity	95%
	Altitude	≤2000 m
	Cycle Life	≥6000 90%DOD
	Warranty Period	10Years
	Installation	Rack Mounted
	Certification	CE,UN38.3,MSDS

Battery Overview



1	Handle	2	Breaker	3	Power Switch
4	Positive Connector	5	Reset Button	6	ON/OFF/RUN/ALM
7	DIP	8	SOC LED	9	DRY CONTACT
10	CAN/RS485 Port	11	RS232 Port	12	IN/OUT Port For Parallel
13	Negative Connector	14	Grounding	15	Used For Fixing With Cabinet

Battery Pack Default Accessories

	DC Power Cable: Pair of 25mm2 DC power cable(end is M8 copper terminal). The default length is 1500mm Pair of 25mm2 DC parallel cable(end is M8 copper terminal). The default length is 150mm
	Ground Cable: 6mm2 Yellow-green ground line, The default length is 1500mm
	RJ45 communication cable: One RJ45 communication cable connect with hybrid inverter. The default length is 1500mm One RJ45 parallel cable connect with battery. The default length is 200mm
	Simple stacking bracket: Used for battery stacking and securing

Easy Expansion

